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# NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

07/14/2005

Steven M. Mills MILLS & ONELLO LLP Suite 605 Eleven Beacon Street Boston, MA 02108 EXAMINER

LE, THONG QUOC

ART UNIT PAPER NUMBER

2827

DATE MAILED: 07/14/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/748.936	12/30/2003	Seung Hoon Lee	SAM-0487	1922

TITLE OF INVENTION: MAIN WORD LINE DRIVER CIRCUIT RECEIVING NEGATIVE VOLTAGE IN SEMICONDUCTOR MEMORY DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	10/14/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as

maintenance fee notification	below or directed otherwise ns. CE ADDRESS (Note: Use Block 1 for		) specifying a new o		; and/or (b) indicating a sepa		
CURRENT CORRESPONDENC	LE ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate of Fee(s) Transmittal. Th	mailing can only be used for his certificate cannot be used to	or domestic mailings of the for any other accompanying	
7.	590 07/14/2005			papers. Each additional have its own certificat	mailing can only be used for his certificate cannot be used for al paper, such as an assignment of mailing or transmission.	ent or formal drawing, must	
Steven M. Mills				Cer	rtificate of Mailing or Trans	mission	
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Boston, MA 02108	3				· · · ·	(Depositor's name)	
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10/748,936	12/30/2003	Seung Hoon Lee		;	SAM-0487	1922	
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LE, THONG QUOC		2827		365-230060			
Change of correspondence     CFR 1.363).	e address or indication of "Fe	ee Address" (37		the patent front page, li	1		
	dence address (or Change of	Correspondence	(1) the names of or agents OR, alte	up to 3 registered pater	nt attorneys		
Address form PTO/SB/I	dence address (or Change of 22) attached.	Correspondence			a member a 2		
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT (print	or type)			
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion of	elow, no assignee of this form is NOT	data will appear on a substitute for filing	he patent. If an assign g an assignment.	nee is identified below, the d	ocument has been filed for	
(A) NAME OF ASSIGN	EE .	(B)	) RESIDENCE: (CIT	Y and STATE OR CO	UNTRY)		
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	e assignee category or catego	<u> </u>	<u> </u>	Individual UC	orporation or other private gro	oup entity  Government	
4a. The following fee(s) are	enclosed:	4b.	b. Payment of Fee(s):				
☐ Issue Fee			A check in the amount of the fee(s) is enclosed.				
Publication Fee (No small entity discount permitted)  Advance Order - # of Copies			Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to				
Advance Order - # of	Copies		Deposit Account Nu	mber	harge the required fee(s), or (enclose an extra c	opy of this form).	
	(from status indicated above		_				
a. Applicant claims S	MALL ENTITY status. See :	37 CFR 1.27.	b. Applicant is no	longer claiming SMA	LL ENTITY status. See 37 C	FR 1.27(g)(2).	
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issu ublication Fee (if required) vords of the United States Pate	e Fee and Publicat vill not be accepted ent and Trademark	ion Fee (if any) or to from anyone other to Office.	re-apply any previous han the applicant; a reg	y paid issue fee to the applica istered attorney or agent; or th	tion identified above. ne assignee or other party in	
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This collection of information application. Confidential submitting the completed at this form and/or suggestions Box 1450, Alexandria, Virg	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C. uplication form to the USPT of for reducing this burden, shinia 22313-1450. DO NOT 1450	11. The information 122 and 37 CFR 1 O. Time will vary ould be sent to the SEND FEES OR C	n is required to obtai .14. This collection depending upon the Chief Information C OMPLETED FORM	n or retain a benefit by t is estimated to take 12 individual case. Any co officer, U.S. Patent and IS TO THIS ADDRESS	the public which is to file (and minutes to complete, includin mments on the amount of tin Trademark Office, U.S. Dept S. SEND TO: Commissioner	1 by the USPTO to process) ig gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,	

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Steven M. Mills MILLS & ONELL	OIID			LE, THON	G QUOC
Suite 605	OLLP			ART UNIT	PAPER NUMBER
Eleven Beacon Str	eet			2827	
Boston, MA 02108			DATE MAILED: 07/14/2005		

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.